

Date: February 24, 200416500
U.S.PTO

MAIL STOP PATENT APPLICATION
 Commissioner for Patents
 P.O. Box 1450
 Alexandria, VA 22313-1450

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U.S.PTO
22856 10/786736

Sir:

NEW APPLICATION TRANSMITTAL

Transmitted herewith for filing is the patent application of

Inventor(s): (1) James H. Schaffner
 (2) William B. Bridges

NOTE: Patent must be applied for in the name of all
 of the actual inventor or inventors.

For: "RF MEMS SWITCH WITH INTEGRATED IMPEDANCE MATCHING STRUCTURE"

Enclosed are:

1. **The Papers Required For Filing Date Under 37 CFR 1.53(b):**

10 Pages of specification 1 Page of abstract 4 Pages of claims

6 Sheets of drawings [X] formal [] informal
 (Figs. 1-6, 7a-7c, 8-11)

[X] In addition to the above papers there is also attached

[] Pages of a Preliminary Amendment dated _____

- [X] Postcard
- [X] Check for filing fee in the amount of \$1014.00
- [X] Declaration/Power of Attorney (8 pages)
- [] Verified Statement Claiming Small Entity Status--
 Small-Business Concern (1 page)
- [X] Claim to Priority (1 page) with
- [] Certified Copies of Application Nos.
- [] Information Disclosure Statement (2 pages) and
 Form PTO-1449 (modified) (1 page) with
 copies of document cited in Form PTO-1449 (modified)
- [X] Assignment Cover Sheet (1 page), Assignment document (4 pages),
 and Check for \$40.00

CERTIFICATION UNDER 37 CFR 1.10

I hereby certify that this paper and the documents referred to as enclosed therein are being deposited with the United States Postal Service in an Express Mail envelope with sufficient postage for Express Mailing on this date February 24, 2004 in an envelope as "Express Mail Post Office to Addressee" Mailing Label Number EV301026095US addressed to the:

MAIL STOP PATENT APPLICATION
 Commissioner for Patents
 P.O. Box 1450
 Alexandria, VA 22313-1450

Katherine Nieva

(Typed or printed name of person mailing paper)

(Signature of person mailing paper)

NOTE: Each paper or fee referred to as enclosed herein
 has the number of the "Express Mail" mailing label
 placed thereon prior to mailing. 37 CFR 1.10(b).

2. Declaration or oath

[X] Enclosed

[X] original [] facsimile

executed by:

[X] inventor(s)

[] legal representative of inventor(s) 37 CFR 1.42 or 1.43

[] joint inventor or person showing a proprietary interest
on behalf of inventor who refused to sign or cannot be
reached. 37 CFR 1.47.

[] petition and statement required by 37 CFR 1.47
also attached. See item 7 below for fee.

[] Not Enclosed

[] Application is made by a person authorized under 37 CFR
1.41(c) on behalf of all of the above named inventor(s). The
declaration or oath, along with the surcharge required by 37
CFR 1.16(e) can be filed subsequently.

[] Showing that the filing is authorized. (Not required
unless called into question. 37 CFR 1.41(d)).

NOTE: Where the filing is a completion in the U.S. of an international
application under 35 U.S.C. 371(c)(4) then the declaration must
be filed.

3. Assignment

[X] An assignment of the invention to HRL LABORATORIES, LLC
(with separate cover sheet and separate check for \$40.00)

4. Certified Copies

[] Certified copy of Application No.
from which priority is claimed.

NOTE: Must be referred to in oath or declaration. 37 CFR 1.55 and 163.

5. Fee Calculation

CLAIMS	AS FILED		
Number Filed	Number Extra	Rate	Basic Fee \$ 770.00
Total Claims 24 - 20 =	4 x	\$ 18.00	72.00
Independent Claims 5 - 3 =	2 x	\$ 86.00	172.00
Multiple Dependent Claim(s), If Any	0 x	\$290.00	0

[] Amendment canceling extra claims enclosed

[] Amendment deleting multiple dependencies enclosed

[] Fee for extra claims is not being paid at this time

NOTE: If the fee for extra claims are not paid on filing they must be
paid or the claims canceled by amendment, prior to the expiration of the
time period set for response by the Patent and Trademark Office in any
notice of fee deficiency, 37 CFR 1.16(d).

Filing Fee Calculation \$ 1014.00

6. Small Entity Statement

[] Applicants claim small entity status

Filing Fee Calculation (50% of above) \$ _____

7. Fee Payment Being Made At This Time

[] Not Enclosed

[] No filing fee is submitted. This and the surcharge required by 37 CFR 1.16(e) can be paid subsequently.

NOTE: Where the filing is a completion in the U.S. of an international application the fee must be paid.

[X] Enclosed

[X] filing fee \$ 1014.00

[] recording assignment \$ _____
(\$40.00; 37 CFR 1.21(h)(i))

[] petition fee for filing by other than
all the inventors or person on behalf
of the inventor where inventor refused
to sign or cannot be reached.
37 CFR 1.47 and 1.17 (h)

\$ _____

Total fees enclosed \$ 1014.00

8. Method of Payment of Fees

[X] check in the amount of \$ 1014.00

[] charge account No. 12-0415 in the amount of \$ _____
A duplicate of this transmittal is attached.

NOTE: Fees should be itemized in such a manner that it is clear for
which purpose the fees are paid. 37 CFR 1.22(b).

9. Authorization to Charge Additional fees

[X] The Commissioner is hereby authorized to charge the following
additional fees which may be required to Account No. 12-0415:

[X] 37 CFR 1.16 (filing fees and presentation of extra claims)

[X] 37 CFR 1.17 (application processing fees)

[] 37 CFR 1.18 (issue fee at or before Mailing of Notice of
Allowance, pursuant to 37 CFR 1.311(b))

NOTE: 37 CFR 1.28(b) requires "Notification of any change in loss of
entitlement to small entity status must be filed in the
application...prior to paying... issue fee".

10. Instructions As To Overpayment

[X] Credit Account No. 12-0415 [] refund

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